

THE
LONDON ATLAS.
BY
J. ARROWSMITH.





THE NEW YORK

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THE
LONDON ATLAS
OF
UNIVERSAL GEOGRAPHY,
EXHIBITING THE
PHYSICAL & POLITICAL DIVISIONS
OF THE VARIOUS
COUNTRIES OF THE WORLD,
Constructed from Original Materials.

I most respectfully dedicate to his venerable Friends

JOHN MIDDLETON ESQ.^R

As a testimony of Gratitude and Esteem?

By his much Obliged & Humble Servant,

10, Soho Square,

London.

John Arrowsmith, F.R.G.S. & R.A.S.

PREFACE TO THE LONDON ATLAS.

It has been observed by M. Humboldt, that if every country were trigonometrically surveyed, the construction of maps would be reduced to a mere mechanical operation; but in our days the sagacity of the geographer is still required as formerly, and sound criticism must necessarily be founded on two distinct branches of knowledge—on the discussion of the relative value of the astronomical methods employed—and on the study of descriptive and statistical works.

In the construction of the following maps, on which my time and attention have been engaged for several years, I have compared and critically examined more than ten thousand sheets of printed maps, charts, plans, &c. and the labours of my predecessors thus examined & rectified by the most correct astronomical observations of latitude and longitude, form the basis of this Atlas. Great assistance has likewise been derived from numerous valuable M.S. surveys and from correction of the maps on their progress by those travellers who were particularly acquainted with the districts they traversed. I have also gleaned the geographical information scattered through upwards of eight hundred volumes of voyages, travels & history, and have spared neither labour nor expense in condensing and arranging what has been thus obtained, in order that my undertaking might be rendered as correct and extensively useful as possible.

Many islands will be found not previously inserted in any work of this description, and the positions of others rectified from recent astronomical observations. The same remarks will apply to the sites of towns, and the delineation of coasts and rivers, which will be found in a variety of instances to differ materially from those in the maps hitherto published.

With respect to the great physical features of each country, I have studied to make them as clear and distinct as the nature of a flat surface, and a reduced scale will admit. I have also been careful in tracing the roads, which lead from one place to another, (so that as separate travelling maps they will be found of the utmost utility, and in the absence of those, in countries less civilized, the most usual track will be found marked by a faint line.

In the Colonial Office, the Hydrographical Office, Admiralty, the Hon.^{ble} East India Company, the Hudson Bay Company, the Royal Asiatic Society, the Royal Geographical Society, and to several other Offices, Companies, and Societies, and to private gentlemen, I am under great obligations for the very liberal manner in which I have been allowed the use of most extensive collections of maps, M.S. surveys, charts, &c. many of which have not hitherto been open to public inspection.

Having thus briefly stated the materials and means made use of, I now venture to place the result of my labours before the public, confident that this Atlas will be found to contain more valuable information than any similar work, and trusting that it will prove to be what I have endeavoured to make it, an accurate record of the present state of our geographical knowledge.

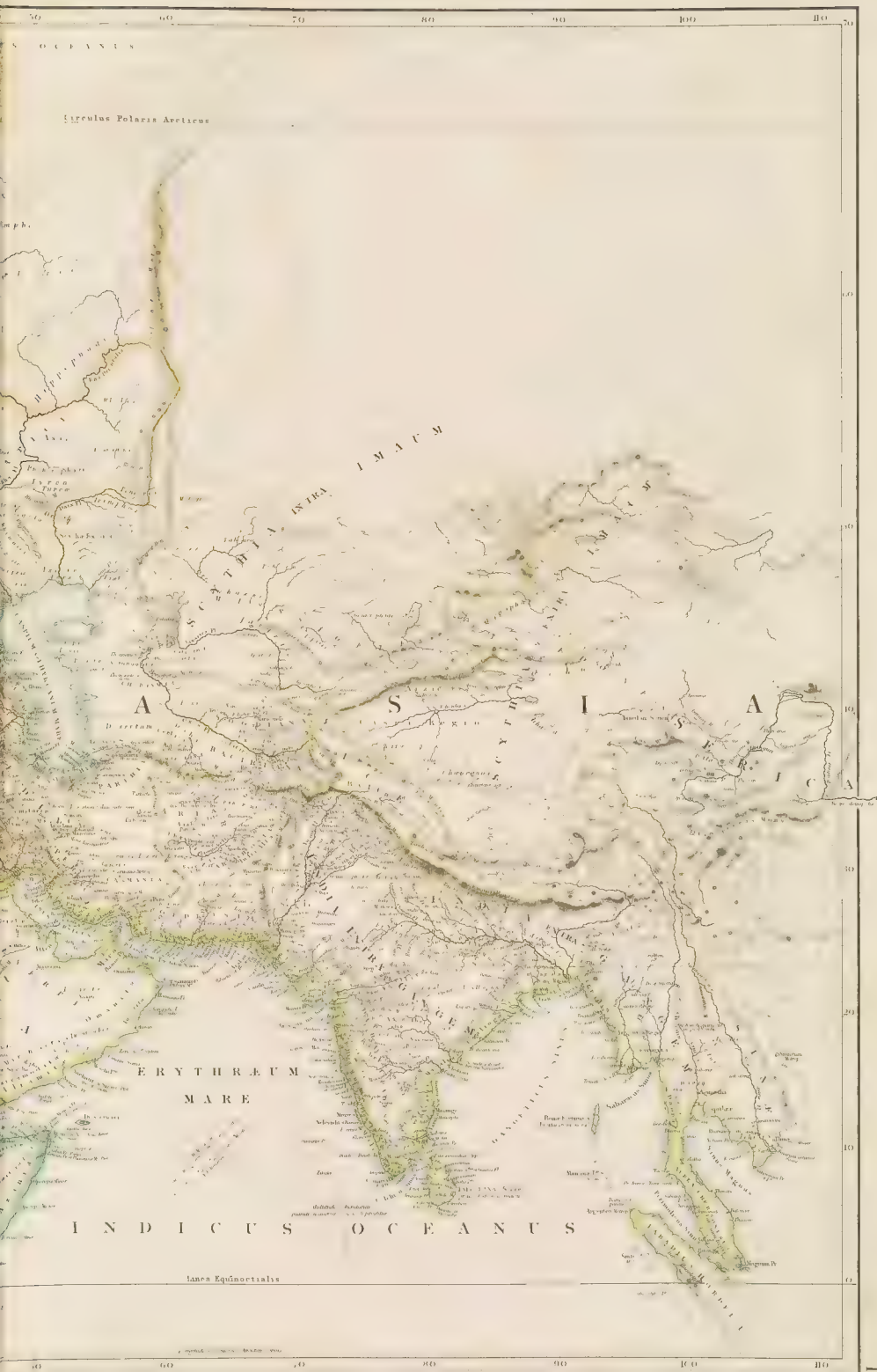
John Arrowsmith,
10, St. John's Square.

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THE INLAND NAVIGATION, RAIL ROADS,

GEOLOGY AND MINERALS OF

ENGLAND & WALES,

North-west of the map is England, in the south is Wales, and in the west is Ireland. The map is published by the Ordnance Survey, and is the property of the Crown.

The map is published by the Ordnance Survey, and is the property of the Crown. It is the property of the Crown, and is published by the Ordnance Survey.

ENGLAND
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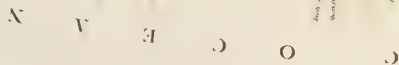
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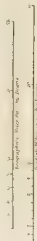
London: Wm. J. Smith, 1850





SWEDEN & NORWAY,

BY J. ARROWSMITH



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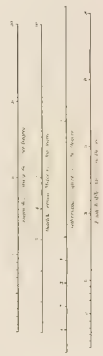
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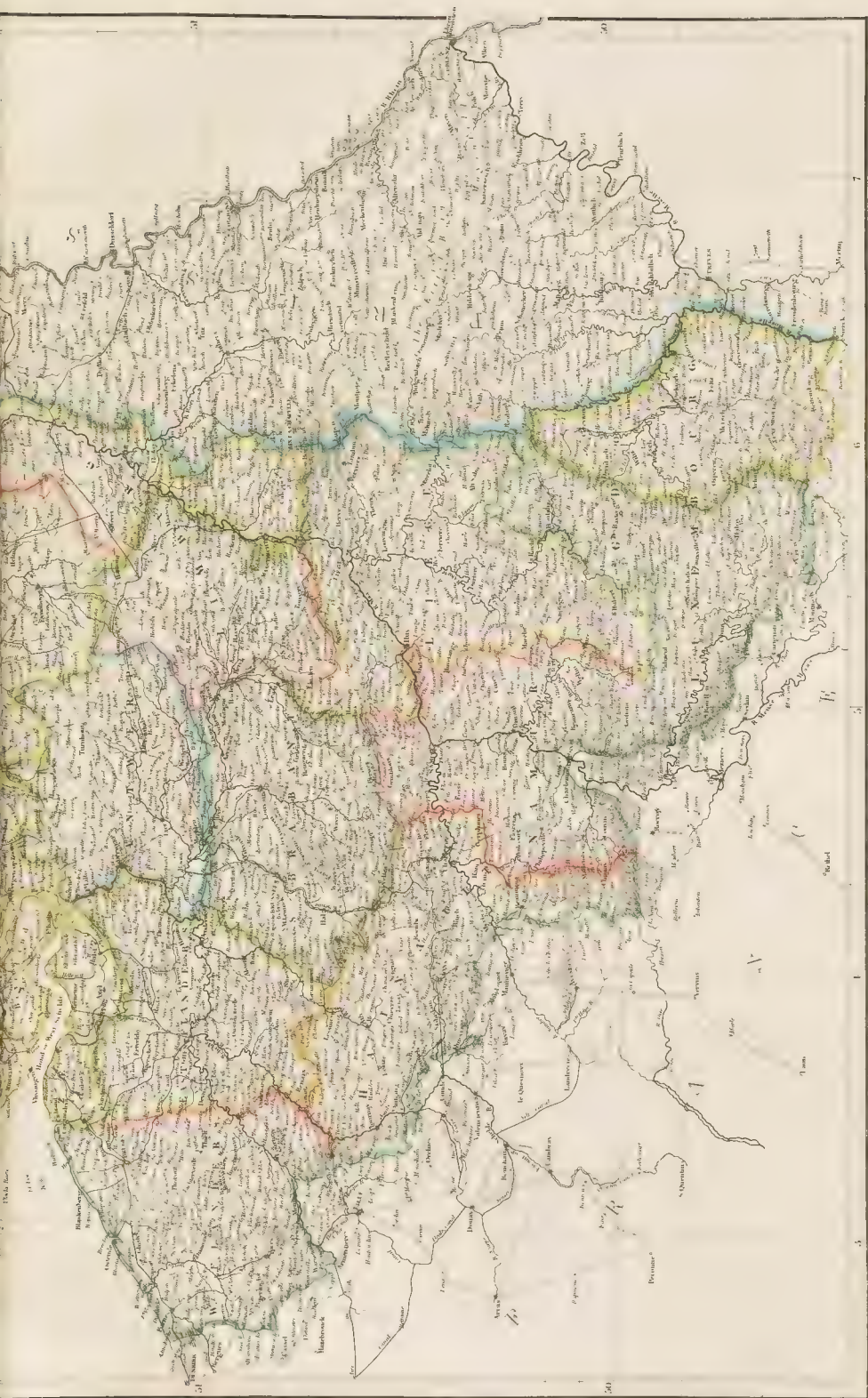




HOLLAND & BELGIUM,

J. J. ANNOONITE.





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BY SANDRUS & L.

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Scale of Nautical Miles	0	10	20	30	40	50	60	70	80	90	100
Scale of Feet	0	1000	2000	3000	4000	5000	6000	7000	8000	9000	10000



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PRUSSIA & POLAND,

BY J. ARROWSMITH.



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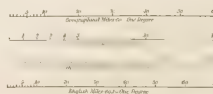






AUSTRIAN EMPIRE,

BY J. ARROWSMITH.



Legend: Capital, Cities, Towns, Villages, Roads, Railways, Rivers, Mountains, etc.

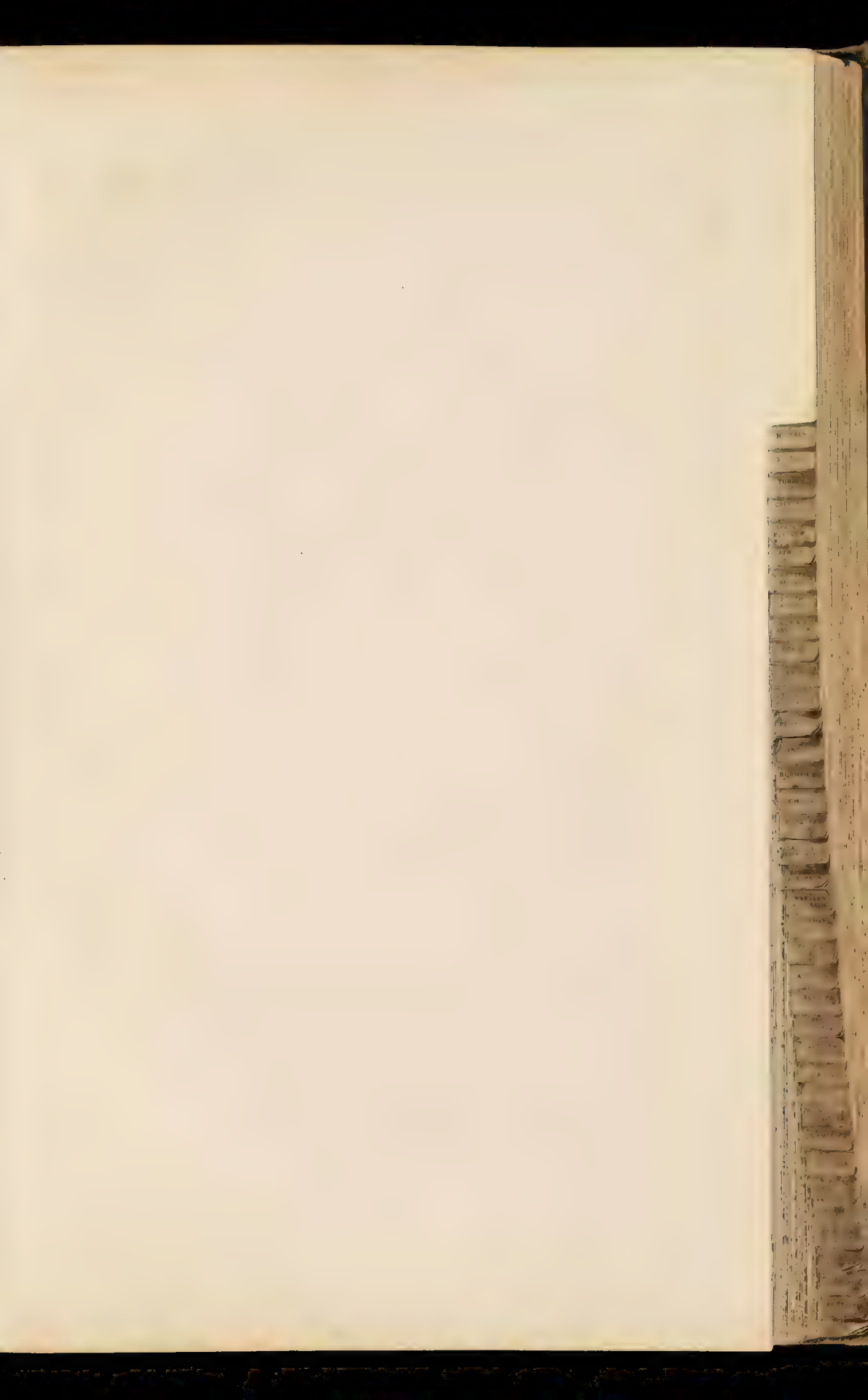
SWITZERLAND &c.

AND THE PASSES OF THE ALPS.

BY J. ARROWSMITH.





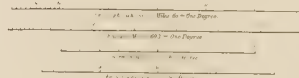




NORTH ITALY &c.

AND THE MOUNTAINS OF THE ALPS & APENNINE:

ARROWSMITH



CORSICA

Longitude East of from Greenwich





SOUTH ITALY,

OR CALABRIA, BASILICATA, AND CAMPANIA.



Scale of 1 inch = 100 miles.

5. TAY

TURKEY

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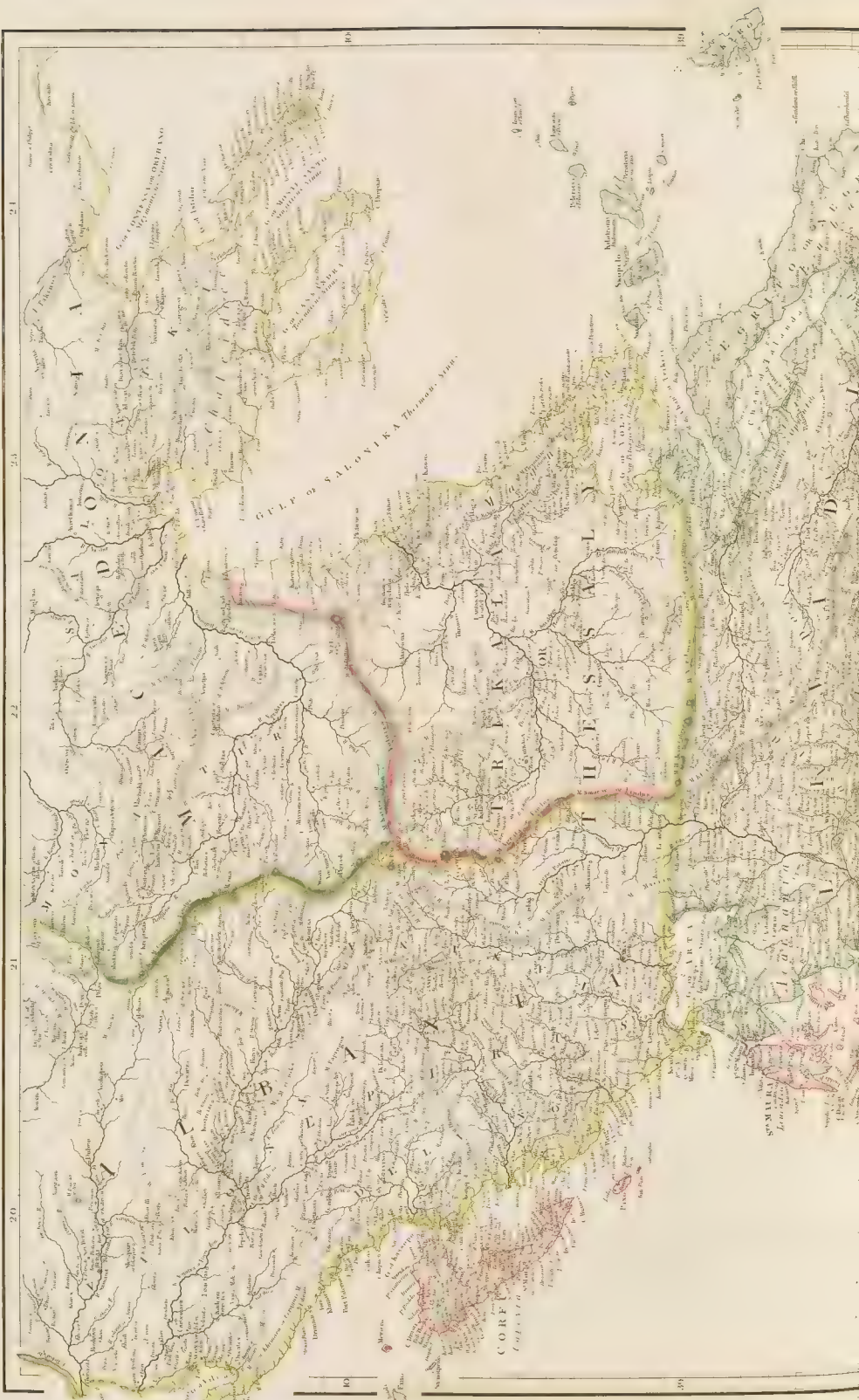
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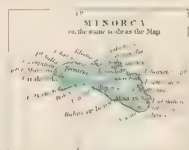
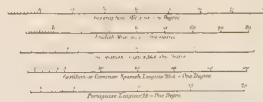
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SPAIN & PORTUGAL.

BY J. ARROWSMITH.



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SPAIN & PORTUGAL.



1. How do you think







NORTH WESTERN AFRICA,

BY ARROWSMITH.

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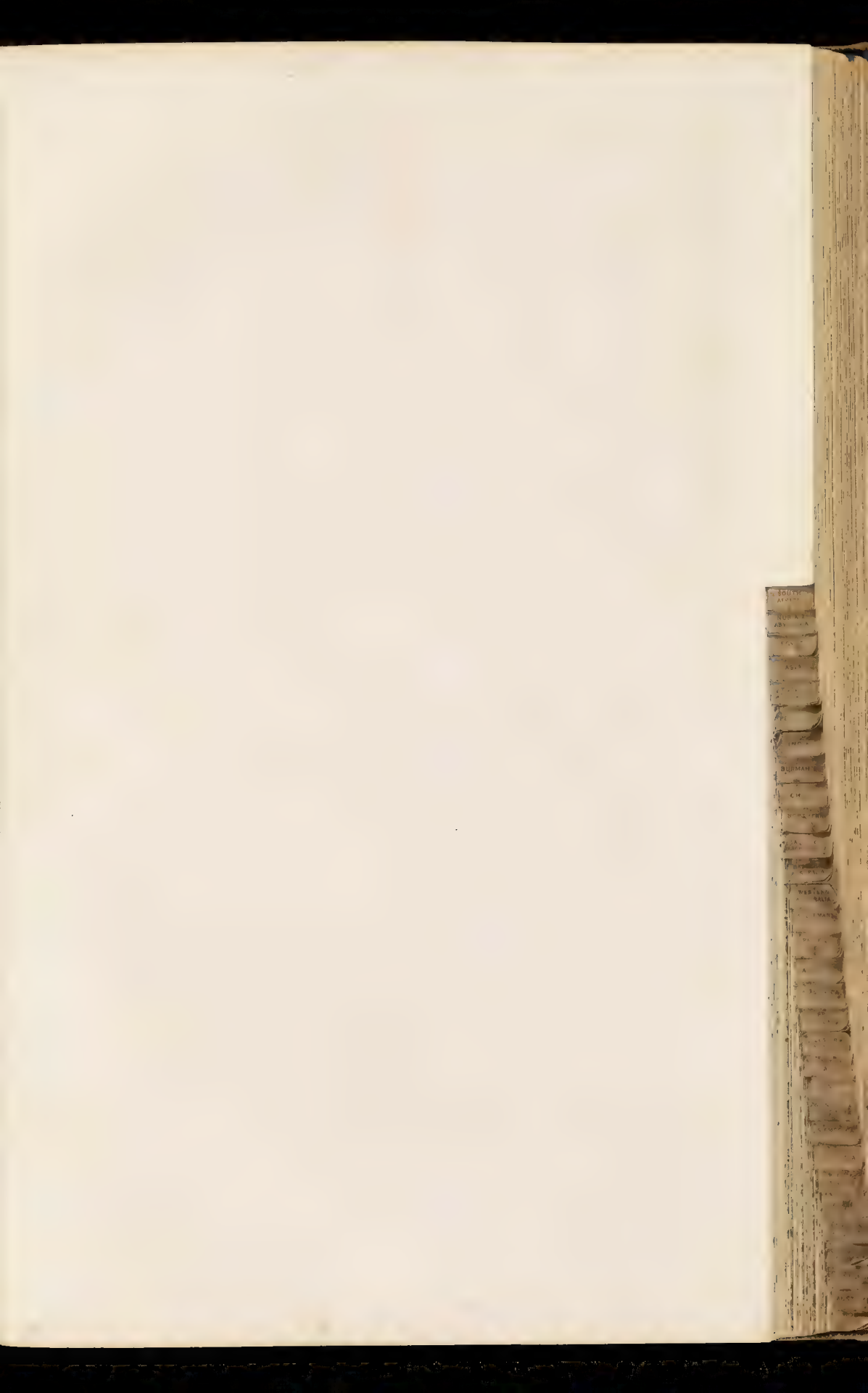
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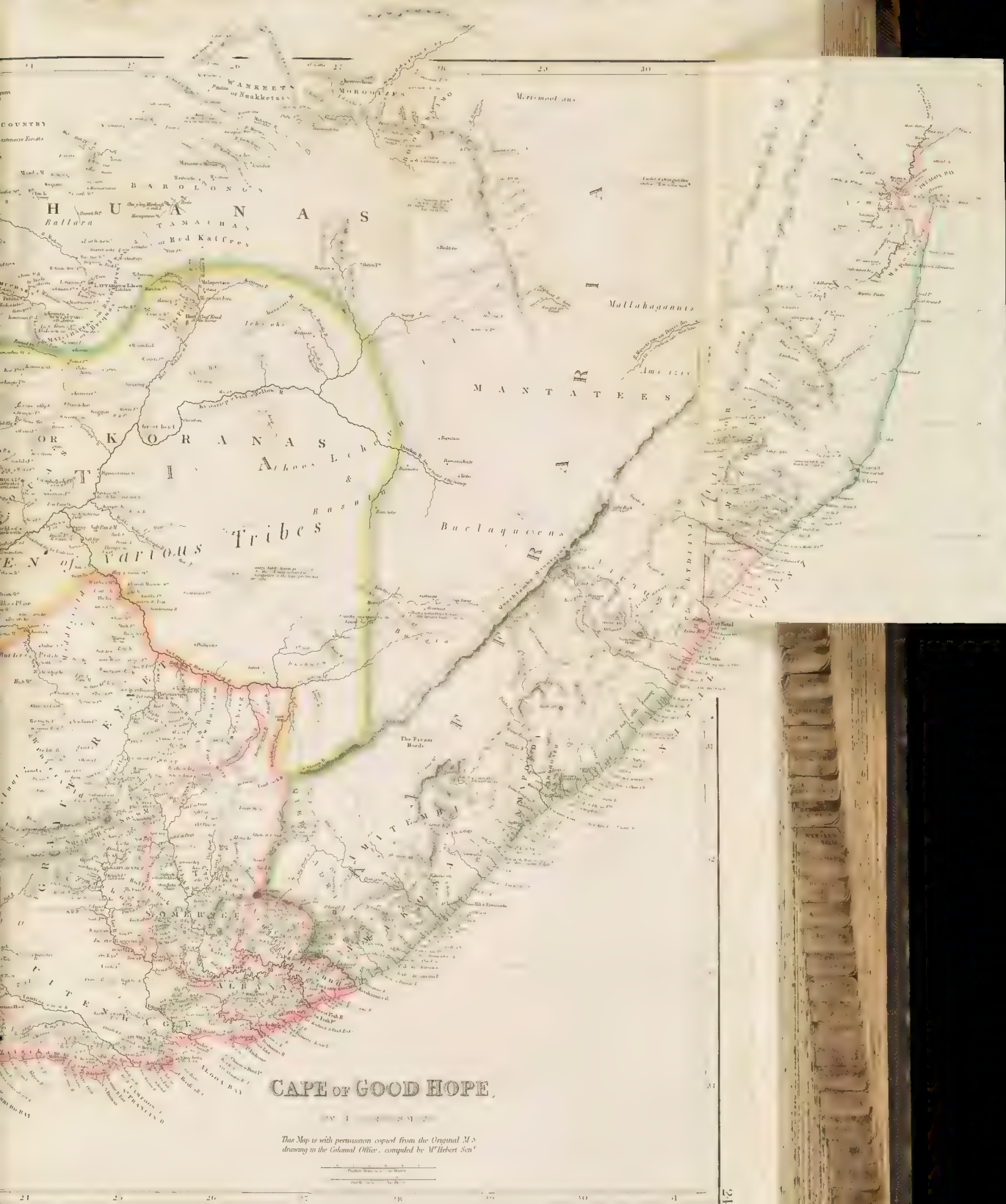
COAST

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BIGHT OF BENUE







CAPE OF GOOD HOPE.

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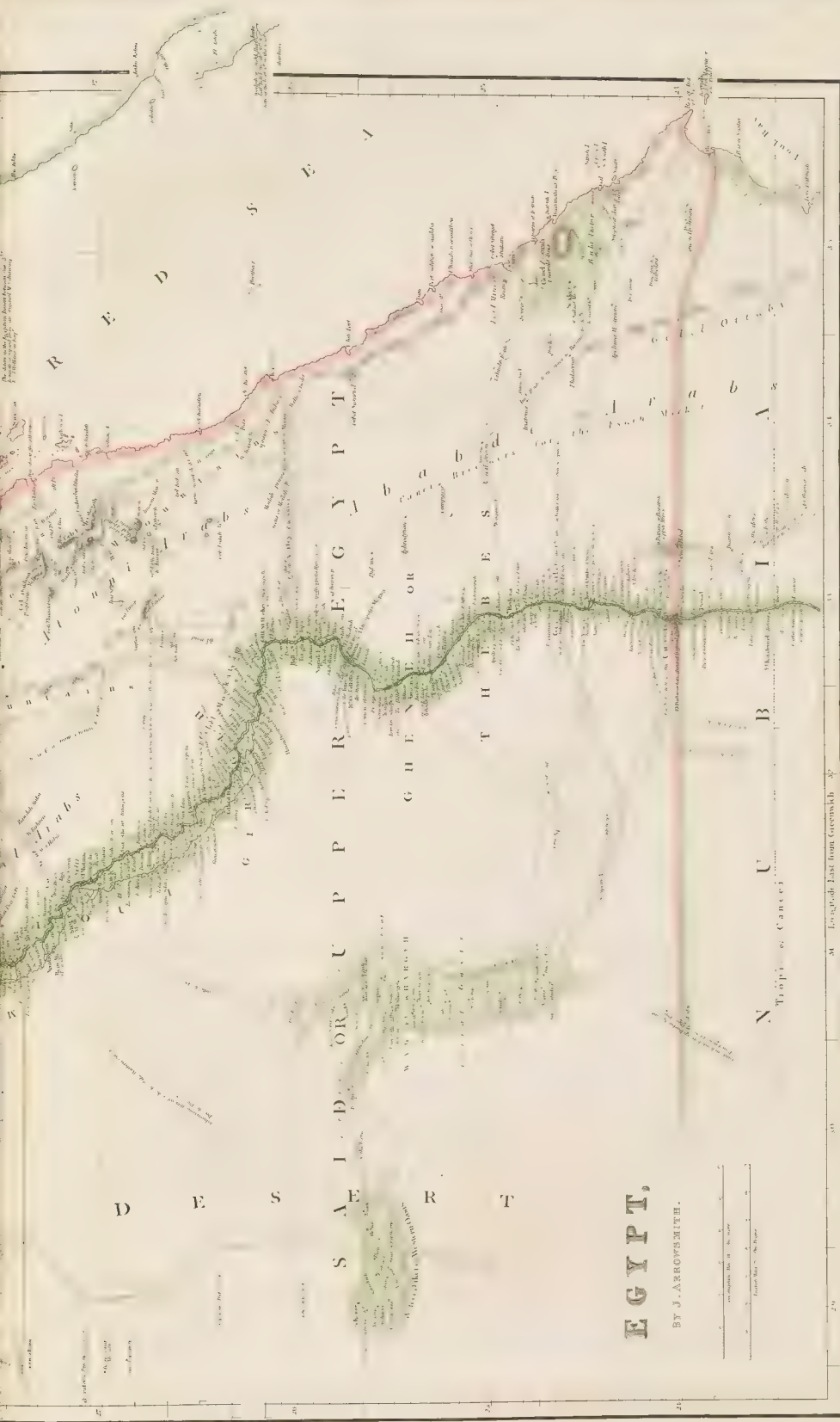


BY J. ARROWSMITH

BY J. ARROWSMITH



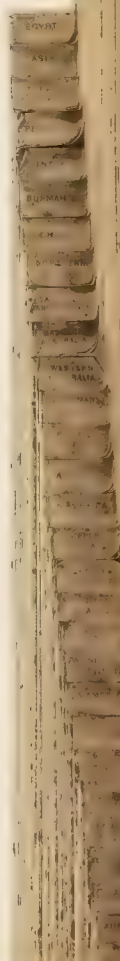




EGYPT.
BY J. ARROWSMITH.

Longitude East from Greenwich

Scale of Miles



ASIA.

BY J. G. COOPER.

Scale of Miles.
Scale of Degrees.







TURKEY

ARMENIA

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INDIA

AFGHANISTAN

IRAN

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CENTRAL ASIA;
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CABOOL, PERSIA,
THE RIVER INDUS, &
COUNTRIES EASTWARD OF IT.

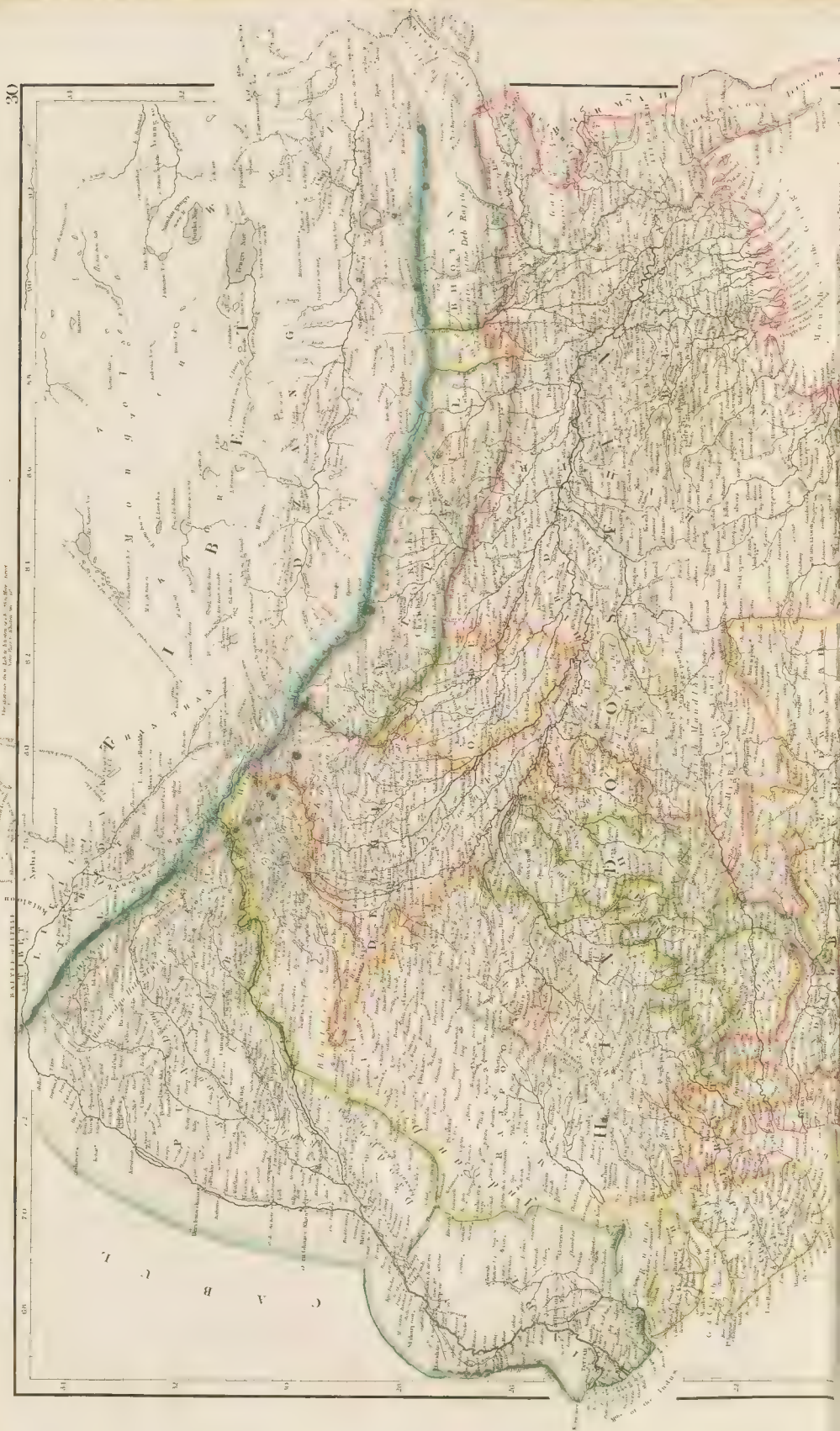
*Constructed from numerous authentic documents
but more fully from the original. H. A. Survey of
Genl. D. C. G. R. S.
In which this Map is
most carefully delineated.
By Geo. H. G. G. G. G.*

1840

W. H. G. G. G. G.









INDIA,

BY J. A. K. COOPER, F.R.S.

Red
Yellow
Green

The British possessions are colored
Yellow under British influence in white
Territories of Independent States

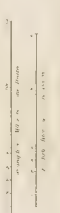
London: Pub. by J. A. K. COOPER, F.R.S., 1850.



SOUTH-EAST ASIA
or Country of the Dutch Rajah

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24. ALKOWSKI

[illegible]





CHINA,

BY ARROWNOT

Scale of Miles
Scale of Nautical Miles
Scale of Feet
Scale of Inches

NORTHERN

FROM THE HIMALAYA MOUNTAINS

BY J. ARNOLD



NORTH ASIA,

CONTAINS THE ARCTIC OCEAN

BY J. W. SMITH.



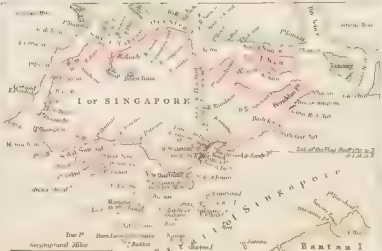
ASIATIC ARCHIPELAGO,

BY J. ARROWSMITH

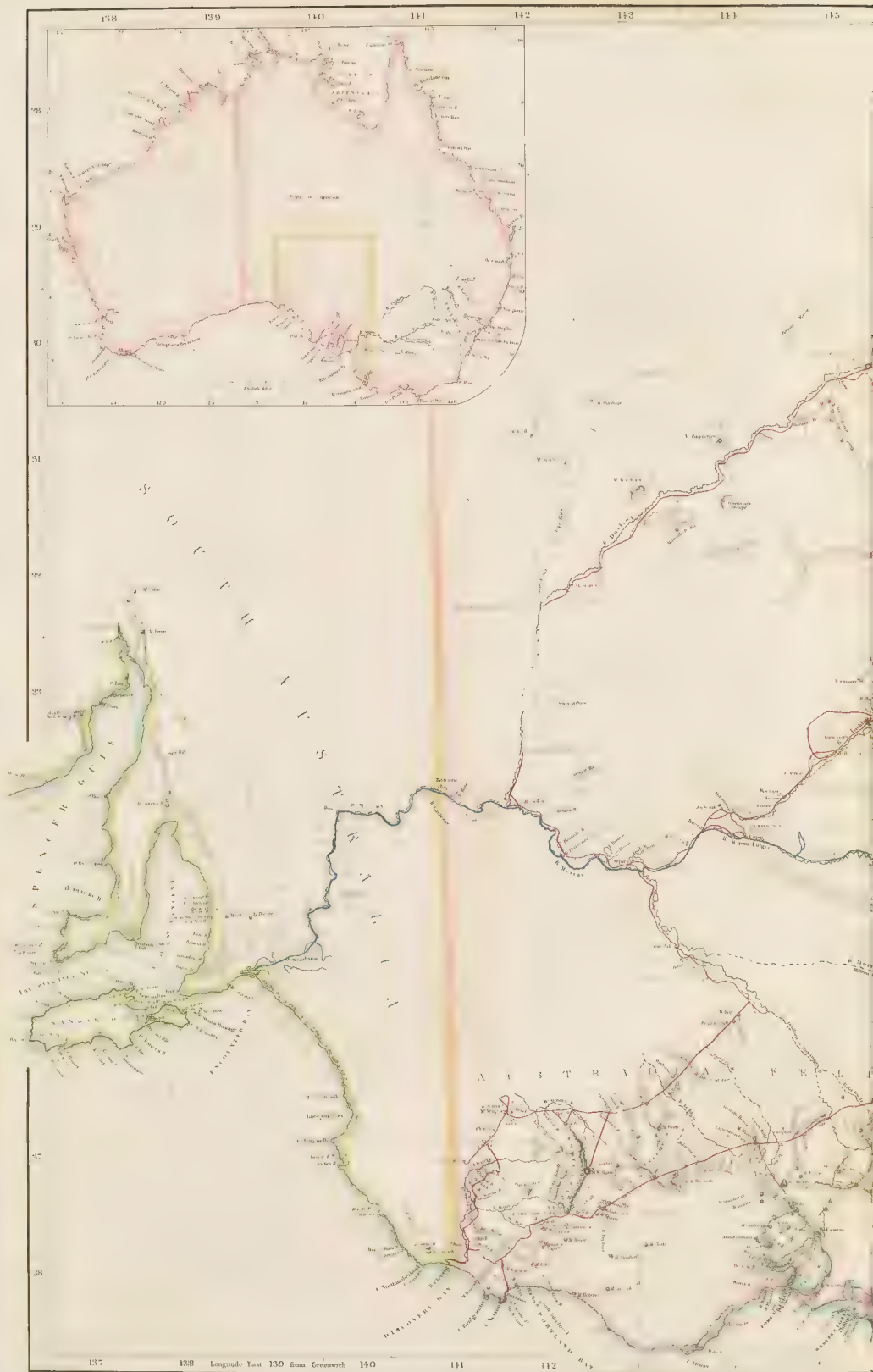


This map is based on the latest information available at the time of its publication. It is intended to be a general reference map and is not intended to be used for navigation or other purposes requiring high accuracy.

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The COLONY of
WESTERN AUSTRALIA;
FROM THE SURVEYS OF
JOHN SEPTIMUS ROE ESQ.
SURVEYOR GEN.

And from other Official Documents in the
COLONIAL OFFICE AND ADMIRALTY.
Compiled by
JOHN ARROWSMITH.



The following statistics have been furnished by the Falkland Islands Company, and have been determined upon the basis of a survey of the islands in 1880.

21,480	Area of the islands in square miles
40,000	Area of the islands in square nautical miles
14,000	Area of the islands in square miles (excluding the main islands)
21,480	Area of the islands in square miles (including the main islands)
14,000	Area of the islands in square nautical miles (including the main islands)

The following statistics have been furnished by the Falkland Islands Company, and have been determined upon the basis of a survey of the islands in 1880.

The following statistics have been furnished by the Falkland Islands Company, and have been determined upon the basis of a survey of the islands in 1880.



VAN DIEMENS LAND,

BY A. ARGOONSMITH.

This Map is with permission copied from the original V.S. Survey in the colonial Office, and is the best known Land Company's Office

114 115 116 117 118

Longitude East from Greenwich

Latitude South of the Equator









Scale of the map in the margin of the map

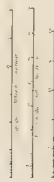






UPPER CANADA &c.

BY J. A. M. SMITH.



H



From the U.S. Coast and Geodetic Survey, 1875.





LOWER CANADA,
NEW BRUNSWICK, NOVA SCOTIA,
PRINCE EDWARD ISLAND,
and a large portion of the
UNITED STATES
J. A. LAMBERT

Scale of Miles
0 1 2 3 4 5 6 7 8 9 10
Scale of Feet
0 100 200 300 400 500 600 700 800 900 1000

For a full description of the country, see the accompanying text.


$$t \in [t_0, t_0 + \delta], \quad t \in [t_0 + \delta, t_0 + 2\delta], \quad t \in [t_0 + 2\delta, t_0 + 3\delta],$$





MEXICO,

BY ARROWSMITH.

Scale of Miles
Scale of Nautical Miles
Scale of Statute Miles

GULF OF MEXICO

101 Longitude West 102 103 104 105 106 107 108 109 110 111 112



WEST INDIES.

BY J. L. AUSTIN, JR., ATTORNEY AT LAW.

$\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

* *Free List*

N O R T H A T L A N T I C

O C E A N

[illegible]

I B B E A N S E A

C O L U M B I A

SOUTH AMERICA.

FROM
Original Documents.

INCLUDING
THE SURVEYS OF THE OFFICERS OF

H.M. SHIPS ADVENTURE AND BEAGLE.

John W. Forrest
1845
Shrewsbury





From the Hawaiian Islands, 1855, by the U.S. Navy.







PERU & BOLIVIA,

BY J. ARROWSMITH.

Scale of Miles

Scale of Nautical Miles

Scale of French Miles

82

80

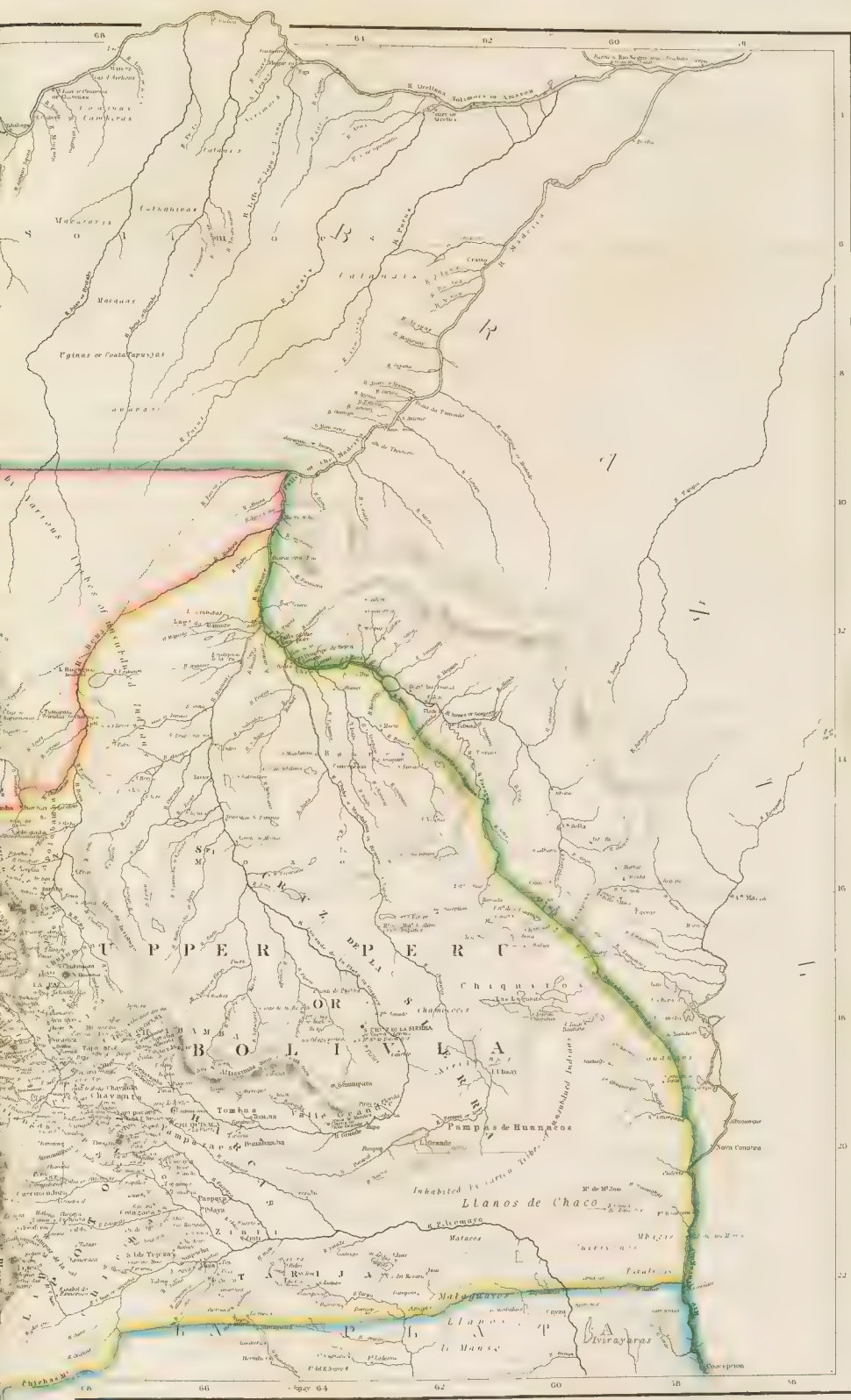
78

Longitude West 70 from Greenwich

71

72

Printed by J. Arrowsmith, 15, Mark Lane, London.



BRAZIL,

BY J. ARROWSMITH.









THE
LA PLATA,
THE BANDA ORIENTAL DEL URUGUAY
AND
CHILE,

*Map of the Banda Oriental del Uruguay
and Chile, with the Rio de la Plata
and the Gulf of Patagonia.*



70 0 10 20 30 40 50 60 70 80 90 100

PATAGONIA

CHILE

LA PLATA

BANDA ORIENTAL
DEL URUGUAY

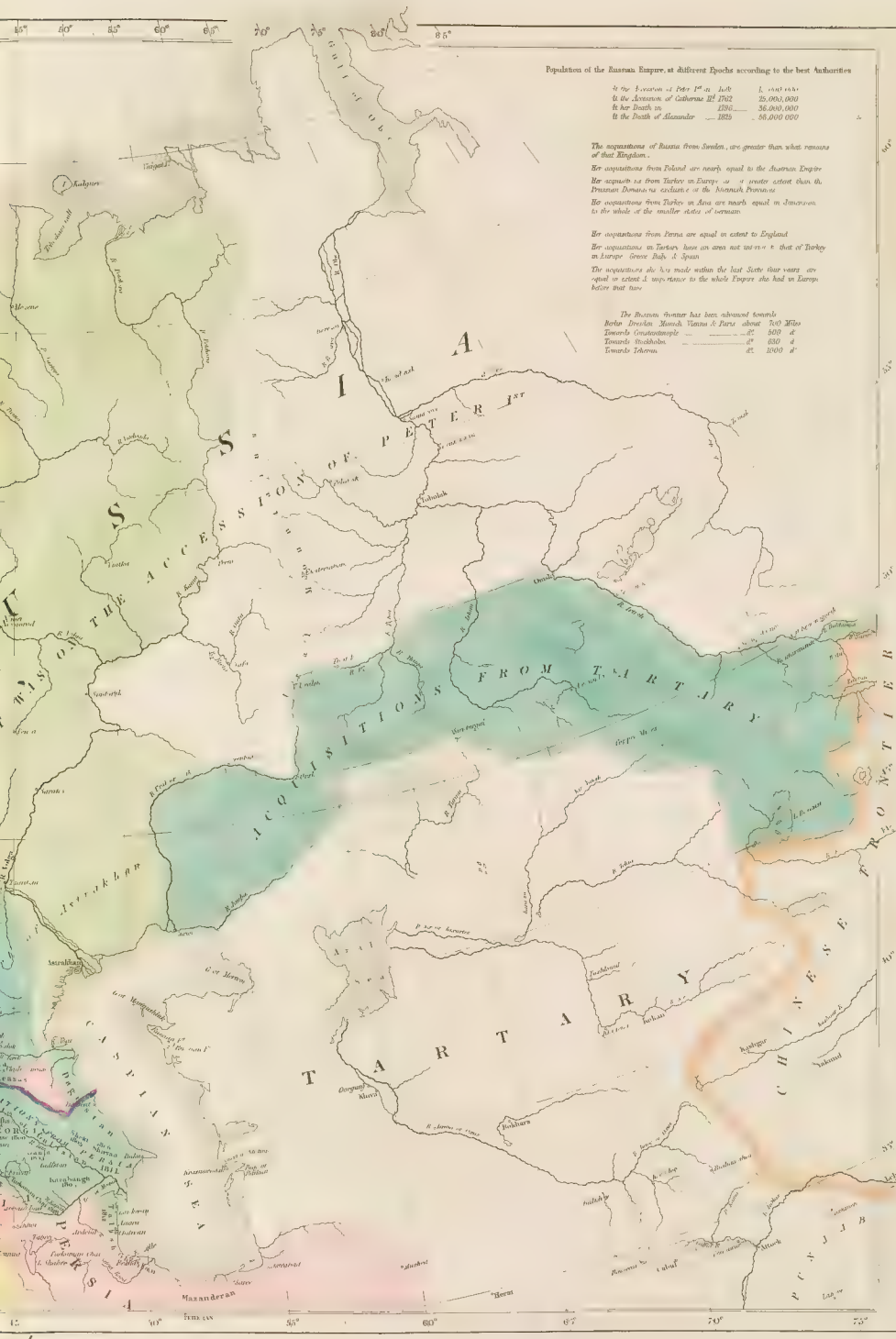
URUGUAY

CHILE



Sketch
of the ACQUISITIONS of
RUSSIA
since the Accession of
PETER II
to the Throne





Population of the Russian Empire, at different Epochs according to the best Authorities

At the Accession of Peter I st in 1689	1,000,000
At the Accession of Catherine II 1762	25,000,000
At the Death of — 1796	38,000,000
At the Death of Alexander — 1825	55,000,000

The acquisitions of Russia from Sweden, are greater than what remains of that Kingdom.

Her acquisitions from Poland are nearly equal to the Russian Empire.

Her acquisitions in Turkey in Europe, are of greater extent than the Prussian Dominions in Germany, or the Venetian Provinces in Italy.

Her acquisitions from Turkey in Asia are nearly equal to America, or to the whole of the smaller states of Germany.

Her acquisitions from Persia are equal in extent to England.

Her acquisitions in Turkey have an area not inferior to that of Turkey in Europe, Greece, Italy, & Spain.

The acquisitions she has made within the last Sixty three years are equal in extent to what the whole Empire she had in Europe before that time.

The Russian Frontier has been advanced towards

Berlin, Dresden, Ratis, Vienna & Paris, about 700 Miles

Towards Constantinople ————— 800 „

Towards Stockholm ————— 850 „

Towards Tehran ————— 1000 „



AUSTRALIA

FROM SURVEYS MADE BY ORDER OF THE
BRITISH GOVERNMENT

COMBINED WITH THOSE OF
DENEGASTEAUX, BAUDIN, FREYCISSAT & Co.

BY
JOHN ARROWSMITH.



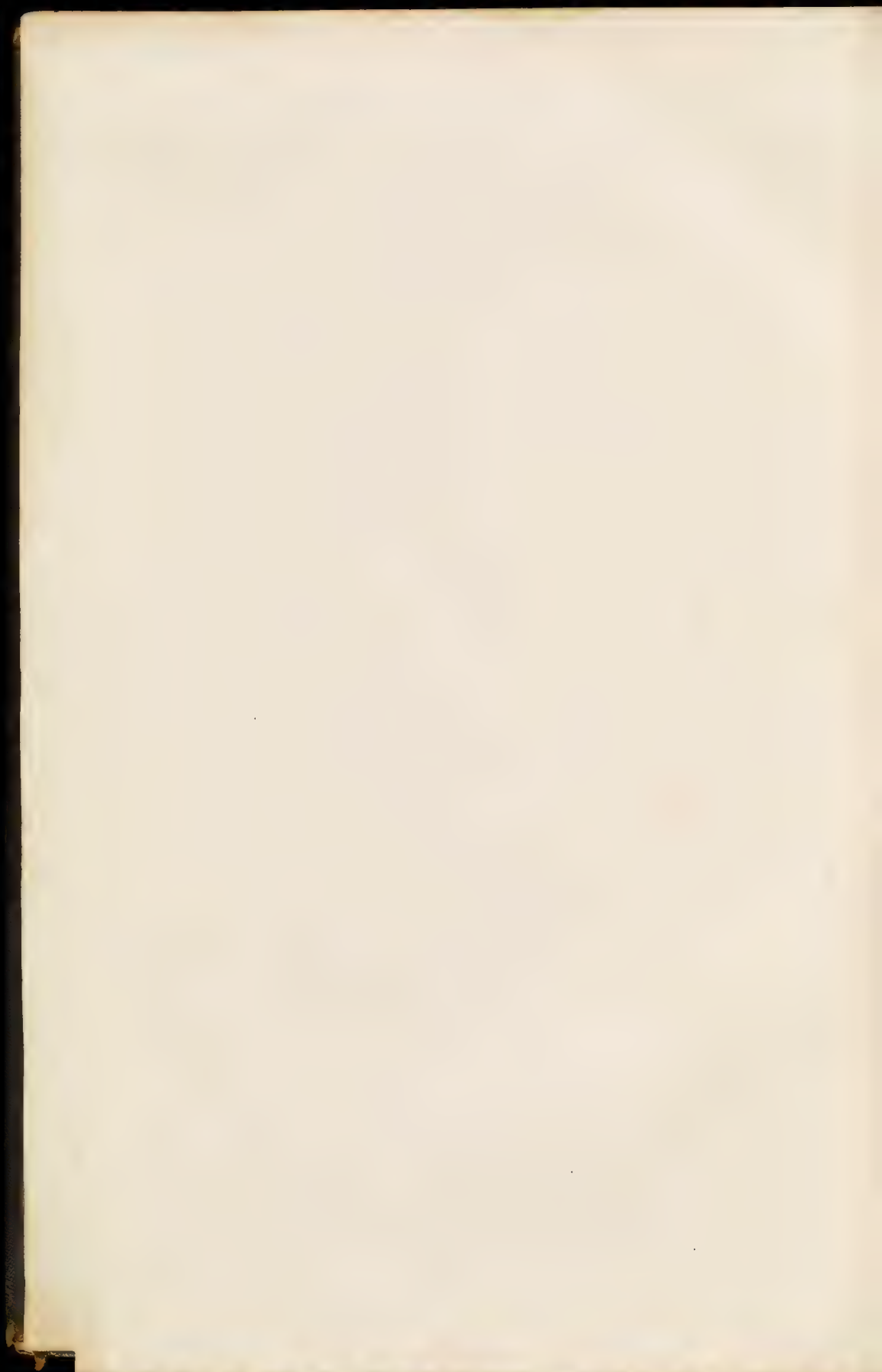


Temps of Captains



EASTERN
THE PORT OF
AUSTRALIA
BY
JOHN ARROWSMITH.

Scale of Miles and Nautical Miles
1:100,000
1:200,000
1:400,000
1:800,000
1:1,600,000
1:3,200,000
1:6,400,000
1:12,800,000
1:25,600,000
1:51,200,000
1:102,400,000
1:204,800,000
1:409,600,000
1:819,200,000
1:1,638,400,000
1:3,276,800,000
1:6,553,600,000
1:13,107,200,000
1:26,214,400,000
1:52,428,800,000
1:104,857,600,000
1:209,715,200,000
1:419,430,400,000
1:838,860,800,000
1:1,677,721,600,000
1:3,355,443,200,000
1:6,710,886,400,000
1:13,421,772,800,000
1:26,843,545,600,000
1:53,687,091,200,000
1:107,374,182,400,000
1:214,748,364,800,000
1:429,496,729,600,000
1:858,993,459,200,000
1:1,717,986,918,400,000
1:3,435,973,836,800,000
1:6,871,947,673,600,000
1:13,743,895,347,200,000
1:27,487,790,694,400,000
1:54,975,581,388,800,000
1:109,951,162,777,600,000
1:219,902,325,555,200,000
1:439,804,651,110,400,000
1:879,609,302,220,800,000
1:1,759,218,604,441,600,000
1:3,518,437,208,883,200,000
1:7,036,874,417,766,400,000
1:14,073,748,835,532,800,000
1:28,147,497,671,065,600,000
1:56,294,995,342,131,200,000
1:112,589,990,684,262,400,000
1:225,179,981,368,524,800,000
1:450,359,962,737,049,600,000
1:900,719,925,474,099,200,000
1:1,801,439,850,948,198,400,000
1:3,602,879,701,896,396,800,000
1:7,205,759,403,792,793,600,000
1:14,411,518,807,585,587,200,000
1:28,823,037,615,171,174,400,000
1:57,646,075,230,342,348,800,000
1:115,292,150,460,684,697,600,000
1:230,584,300,921,369,395,200,000
1:461,168,601,842,738,790,400,000
1:922,337,203,685,477,580,800,000
1:1,844,674,407,370,955,161,600,000
1:3,689,348,814,741,910,323,200,000
1:7,378,697,629,483,820,646,400,000
1:14,757,395,258,967,641,292,800,000
1:29,514,790,517,935,282,585,600,000
1:59,029,581,035,870,565,171,200,000
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1:236,118,324,143,482,260,684,800,000
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1:3,777,893,186,295,716,170,956,800,000
1:7,555,786,372,591,432,341,913,600,000
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1:30,223,145,490,365,729,367,654,400,000
1:60,446,290,980,731,458,735,308,800,000
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1:241,785,163,922,925,834,941,235,200,000
1:483,570,327,845,851,669,882,470,400,000
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1:3,868,562,622,766,813,359,059,763,200,000
1:7,737,125,245,533,626,718,119,526,400,000
1:15,474,250,491,067,253,436,239,052,800,000
1:30,948,500,982,134,506,872,478,105,600,000
1:61,897,001,964,269,013,744,956,211,200,000
1:123,794,003,928,538,027,489,912,422,400,000
1:247,588,007,857,076,054,979,824,844,800,000
1:495,176,015,714,152,109,959,649,689,600,000
1:990,352,031,428,304,219,919,299,379,200,000
1:1,980,704,062,856,608,439,838,598,758,400,000
1:3,961,408,125,713,216,879,677,197,516,800,000
1:7,922,816,251,426,433,759,354,395,033,600,000
1:15,845,632,502,852,867,518,708,790,067,200,000
1:31,691,265,005,705,735,037,417,580,134,400,000
1:63,382,530,011,411,470,074,835,160,268,800,000
1:126,765,060,022,822,940,149,670,320,537,600,000
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1:4,056,481,920,730,334,084,789,450,257,203,200,000
1:8,112,963,841,460,668,169,578,900,514,406,400,000
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1:2,451,992,865,385,422,173,374,632,565,364,674,713,856,928,464,232,116,058,452,454,174,076,800,000
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1:78,463,771,692,333,509,547,962,242,091,670,838,838,427,713,856,928,464,232,116,058,452,454,174,076,800,000
1:156,927,543,384,667,019,095,484,484,141,341,677,677,427,713,856,928,464,232,116,058,452,454,174,076,800,000
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1:627,710,173,538,668,076,381,937,936,565,364,674,713,856,928,464,232,116,058,452,454,174,076,800,000
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1:321,387,609,251,798,055,111,435,419,512,917,709,709,427,713,856,928,464,232,116,058,452,454,174,076,800,000
1:642,775,218,503,596,110,222,870,838,025,835,419,419,427,713,856,928,464,232,116,058,452,454,174,076,800,000
1:1,285,550,437,007,192,220,444,741,677,677,427,713,856,928,464,232,116,058,452,454,174,076,800,000
1:2,571,100,874,014,384,440,888,483,354,354,873,130,729,349,427,713,856,928,464,232,116,058,452,454,174,076,800,000
1:5,142,201,748,028,768,881,777,966,708,708,261,458,854,854,427,713,856,928,464,232,116,058,452,454,174,076,800,000
1:10,284,403,496,057,537,763,555,413,413,512,917,709,709,427,713,856,928,464,232,116,058,452,454,174,076,800,000
1:20,568,806,992,115,075,527,111,006,985,035,419,419,427,713,856,928,464,232,116,058,452,454,174,076,800,000
1:41,137,613,984,230,151,054,222,013,970,070,838,838,427,713,856,928,464,232,116,058,452,454,174,076,800,000
1:82,275,227,968,460,302,108,444,027,941,677,677,427,713,856,928,464,232,116,058,452,454,174,076,800,000
1:164,550,455,936,920,604,216,888,854,873,130,729,349,427,713,856,928,464,232,116,058,452,454,174,076,800,000
1:329,100,911,873,841,208,433,717,709,261,458,854,854,427,713,856,928,464,232,116,058,452,454,174,076,800,000
1:658,201,823,747,682,416,867,435,419,512,917,709,709,427,713,856,928,464,232,116,058,452,454,174,076,800,000
1:1,316,403,647,495,364,833,734,870,838,025,835,419,419,427,713,856,928,464,232,116,058,452,454,174,076,800,000
1:2,632,807,294,990,729,667,469,741,677,677,427,713,856,928,464,232,116,058



The
MARITIME PORTION
of
SOUTH AUSTRALIA

from the Surveys of Capt. Flinders & of
Lt. Col. B. J. W. M. D. R. S.

BY JOHN ARROWSMITH.



THE CITY OF ADELAIDE.
with the Acre Allotments numbered
surveys in
Col. 1 gth





